

Please amend the application as follows:

In the Claims:

Amend claims 1 and 13, cancel claims 3, 4, 11 and 12 and add new claims 16 to 55 such that the claim set reads as follows:

1. (CURRENTLY AMENDED) An apparatus for decontaminating air within an enclosed workspace, the enclosed workspace located downstream and in fluid communication with the apparatus, the apparatus comprising:
 - (a) a housing containing an array of ultraviolet lamps mounted within an enclosure in said housing, said enclosure having an intake aperture and an exhaust aperture, said housing and said array forming an airflow processor such that uncontaminated air entering said intake aperture passes through said array before exiting said exhaust aperture, the array of ultraviolet lamps including a plurality of stick lamps, where at least some stick lamps are installed with their lower ends secured in a lamp rack assembly and their upper ends installed in a frame such that the long axis of each of the at least some stick lamps extends vertically,
 - (b) an airflow motivator urging said airflow through said housing and said array from said intake aperture and out through said exhaust aperture,
 - (c) a downstream conduit in fluid communication between said exhaust aperture and said workplace for directing said airflow into said workplace after being processed in said airflow processor, wherein said intake aperture is positionable relative to said workspace so that said airflow entering said intake aperture is uncontaminated air.
2. (ORIGINAL) The apparatus of claim 1 further comprising an intake conduit having an upstream end exposed to ambient air external to said workspace and an opposite downstream end mounted to said intake aperture in fluid communication with said array.
3. (CANCELLED)
4. (CANCELLED)

5. (ORIGINAL) The apparatus of claim 1 wherein said downstream conduit is a flexible hose.
6. (ORIGINAL) The apparatus of claim 2 wherein said intake conduit includes a rigid duct.
7. (ORIGINAL) The apparatus of claim 6 wherein said rigid duct is vertical.
8. (ORIGINAL) The apparatus of claim 2 wherein said downstream conduit is flexible.
9. (ORIGINAL) The apparatus of claim 1 wherein said airflow motivator is a fan.
10. (ORIGINAL) The apparatus of claim 1 wherein said array has a plurality of rows of ultraviolet lamps and wherein adjacent rows of said plurality of rows are offset relative to one another in the direction of said airflow.
11. (CANCELLED)
12. (CANCELLED)
13. (CURRENTLY AMENDED) A method of decontaminating air contained within an enclosed workspace comprising ~~the steps of:~~
 - (a) generating hydroxyl radicals in an airflow of non-contaminated air; and,
 - (b) urging said airflow into said workspace after said generating of said hydroxyl radicals in said airflow.
14. (ORIGINAL) The method of claim 13 further comprising providing a housing containing ultraviolet lamps and motivating said airflow through said housing so as to generate hydroxyl radicals in said airflow as said airflow passes through said housing.
15. (ORIGINAL) The method of claim 14 wherein said lamps are an array of such lamps, said method further comprising providing a downstream conduit in fluid communication between said housing and said workspace, and flowing said air flow downstream through said conduit so as to direct said airflow into said workspace.
16. (NEW) The method of claim 13 wherein said airflow of non-contaminated air is fresh air external to the enclosed workspace.
17. (NEW) The method of claim 13 wherein urging said airflow into said workplace occurs while workers continue to be present in said enclosed workspace.
18. (NEW) The method of claim 13 wherein the enclosed workspace is odor containing.

19. (NEW) The method of claim 14 wherein said ultraviolet lamps are stick lamps, each stick lamp installed with its lower end secured in a lamp rack assembly and its upper end installed in a frame such that the long axis of each stick lamp is vertically oriented.
20. (NEW) The apparatus of claim 1 wherein frame includes apertures through which the upper ends of the stick lamps extend.
21. (NEW) The apparatus of claim 10 wherein each of said plurality of rows, includes a plurality of stick lamps, each stick lamp installed with its lower end secured in a lamp rack assembly and its upper end installed in a frame such that the long axis of each stick lamp is vertically oriented.
22. (NEW) The apparatus of claim 21 wherein each frame is spaced apart.
23. (NEW) An apparatus for decontaminating a flow of gas, the apparatus comprising:
 - (a) a housing including an enclosure with an intake aperture and an exhaust aperture;
 - (b) an array of ultraviolet lamps mounted within the enclosure, the array of ultraviolet lamps including a plurality of stick lamps, each stick lamp installed with its lower end secured in a lamp rack assembly and its upper end installed in a frame such that the long axis of each stick lamp is vertically oriented, said housing and said array forming a gas flow processor such that a flow of gas entering said intake aperture passes through said array before exiting said exhaust aperture; and
 - (c) a gas flow motivator urging said gas flow through said housing and said array from said intake aperture and out through said exhaust aperture.
24. (NEW) The apparatus of claim 23 wherein said gas flow motivator is a fan.
25. (NEW) The apparatus of claim 23 wherein said array has a plurality of rows of ultraviolet lamps and wherein adjacent rows of said plurality of rows are offset relative to one another in the direction of said flow of gas.
26. (NEW) The apparatus of claim 25 wherein each of said plurality of rows, includes a plurality of stick lamps, each stick lamp installed with its lower end secured in a lamp rack assembly and its upper end installed in a frame such that the long axis of each stick lamp is vertically oriented.

27. (NEW) The apparatus of claim 26 wherein each lamp rack assembly is spaced apart.
28. (NEW) The apparatus of claim 23 wherein frame includes apertures through which the upper ends of the stick lamps extend.
29. (NEW) The apparatus of claim 23 further comprising a lamp cleaning spray down system.
30. (NEW) An apparatus for decontaminating a flow of gas, the apparatus comprising:
 - (a) a housing including an enclosure with an intake aperture and an exhaust aperture;
 - (b) an array of ultraviolet lamps mounted within the enclosure, said housing and said array forming a gas flow processor such that a flow of gas entering said intake aperture passes through said array before exiting said exhaust aperture;
 - (c) a lamp cleaning spray down system; and
 - (d) a gas flow motivator urging said gas flow through said housing and said array from said intake aperture and out through said exhaust aperture.
31. (NEW) The apparatus of claim 31 wherein the lamp cleaning spray down system is automated.
32. (NEW) The apparatus of claim 30 wherein in said array the lamps are positioned with their long axis in parallel.
33. (NEW) The apparatus of claim 32 wherein in said array the lamps are positioned with their long axis vertically oriented.
34. (NEW) The apparatus of claim 30 wherein said gas flow motivator is a fan.
35. (NEW) The apparatus of claim 30 wherein said array has a plurality of rows of ultraviolet lamps and wherein adjacent rows of said plurality of rows are offset relative to one another in the direction of said flow of gas.
36. (NEW) The apparatus of claim 35 wherein each of said plurality of rows, includes a plurality of stick lamps, each stick lamp installed with its lower end secured in a lamp rack assembly and its upper end installed in a frame such that the long axis of each stick lamp is vertically oriented.
37. (NEW) The apparatus of claim 30 wherein said array is comprised of a vertically parallel array of stick lamps.

38. (NEW) The apparatus of claim 37 wherein said array includes a plurality of rows and wherein adjacent rows of said plurality of rows are offset in a direction of said flow of gas so as to maximize exposure of said flow of gas to ultraviolet radiation from said array.
39. (NEW) The apparatus of claim 30 wherein the array of ultraviolet lamps includes a plurality of stick lamps, each stick lamp installed with its lower end secured in a lamp rack assembly and its upper end installed in a frame such that the long axis of each stick lamp is vertically oriented.
40. (NEW) The apparatus of claim 39 wherein the frame includes apertures through which the upper ends of the stick lamps extend.
41. (NEW) An apparatus for decontaminating a flow of gas, the apparatus comprising:
- (a) a housing including an enclosure with an intake aperture and an exhaust aperture;
 - (b) an array of ultraviolet lamps mounted within the enclosure, said housing and said array forming a gas flow processor such that a flow of gas entering said intake aperture passes through said array before exiting said exhaust aperture;
 - (c) an inlet duct having an upstream end with an opening therein and an opposite downstream end mounted to said intake aperture, the duct being in fluid communication with said array; and
 - (d) a flexible conduit mounted to said exhaust aperture and downstream of the array to convey the flow of gas from the housing.
42. (NEW) The apparatus of claim 41 wherein the inlet duct extends vertically adjacent the housing such that the opening is elevated above the housing.
43. (NEW) The apparatus of claim 41 wherein the inlet duct is rigid.
44. (NEW) The apparatus of claim 41 wherein the flexible conduit is a hose.
45. (NEW) The apparatus of claim 41 wherein in said array the lamps are positioned with their long axis in parallel.
46. (NEW) The apparatus of claim 45 wherein in said array the lamps are positioned with their long axis vertically oriented.

47. (NEW) The apparatus of claim 41 further comprising a gas flow motivator for urging said gas flow through said housing and said array from said intake aperture and out through said exhaust aperture.
48. (NEW) The apparatus of claim 47 wherein said gas flow motivator is a fan.
49. (NEW) The apparatus of claim 41 wherein said array has a plurality of rows of ultraviolet lamps and wherein adjacent rows of said plurality of rows are offset relative to one another in the direction of said flow of gas.
50. (NEW) The apparatus of claim 49 wherein each of said plurality of rows, includes a plurality of stick lamps, each stick lamp installed with its lower end secured in a lamp rack assembly and its upper end installed in a frame such that the long axis of each stick lamp is vertically oriented.
51. (NEW) The apparatus of claim 41 wherein said array is comprised of a vertically parallel array of stick lamps.
52. (NEW) The apparatus of claim 51 wherein said array includes a plurality of rows and wherein adjacent rows of said plurality of rows are offset in a direction of said flow of gas so as to maximize exposure of said flow of gas to ultraviolet radiation from said array.
53. (NEW) The apparatus of claim 41 wherein the array of ultraviolet lamps includes a plurality of stick lamps, each stick lamp installed with its lower end secured in a lamp rack assembly and its upper end installed in a frame such that the long axis of each stick lamp is vertically oriented.
54. (NEW) The apparatus of claim 53 wherein the frame includes apertures through which the upper ends of the stick lamps extend.
55. (NEW) The apparatus of claim 41 further comprising a lamp cleaning spray down system.